

DEPARTMENT OF HEALTH SERVICES
TOXIC SUBSTANCES CONTROL DIVISION
NORTHERN CALIFORNIA SECTION
4250 POWER INN ROAD
SACRAMENTO, CA 95826
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March 9, 1987

Fact Sheet
Solar Turbines Incorporated
(Harbor Drive Plant, San Diego)
2200 Pacific Highway
San Diego, CA 92138-5376
Hazardous Waste Facility Permit
EPA ID No. CAD008314908

Solar Turbines Incorporated (Harbor Drive Plant) has applied for a hazardous waste facility permit to allow them to continue operation of their hazardous waste storage and treatment facility. Solar Turbines Inc. is a subsidiary of the Caterpillar Tractor Co. and is located at 2200 Pacific Highway, San Diego, California.

Solar Turbines Inc. manufactures components used in the assembly of gas turbine engines. These, along with boost compressor pumps are relied upon to step up pressure in oil transportation pipe lines. Gas turbines are also used to power electrical generators. Other on-site operations include testing facilities to conduct product performance and developmental engineering evaluation.

Hazardous wastes are generated from various operations: metal chips produced during machining operations are stored in gondolas periodically removed by a scrap metal company. These operations also produce waste coolants and oils which are largely recycled. That portion which is not recyclable is pumped into a 3,000 gallon storage tank and processed through an oil/water separator. The remaining sludge along with grinding dust and waste oil is disposed of at an authorized hazardous waste disposal facility.

Similarly, process tanks used to clean sheet metal parts prior to assembly and high temperature brazing produce acid waste. This acid waste is solidified by a licensed company and then disposed of at an authorized hazardous waste facility.

Kolene waste, generated from a salt bath used to de-scale castings prior to painting, is disposed of at a licensed Class I hazardous waste facility. Likewise, paint and solvent sludge and acid waste produced from plating operations are stored and disposed of off-site.

1,1,1-trichloroethane, a non-flammable, non water soluble solvent used to clean precision instruments, is recycled at the facility. Remaining sludge is solidified and disposed of at a Class I site.

Solar Turbines Incorporated

The Solar Turbines Incorporated (Harbor Drive Plant) application for a Hazardous Waste Facility Permit, Operation Plan and Supplementary documents have been reviewed and found to be substantially complete.

All conditions and terms of the permit are regulated under part 264, Title 40, Code of Federal Regulations, and Division 20, California Health and Safety (H&S) Code, Chapters 6.5 and 6.7 and Title 22, Chapter 30, California Administrative Code.

It should be noted that the proposed permit PROHIBITS Solar Turbines Incorporated (Harbor Drive Plant) from handling, storing, or treating the following types of hazardous wastes at this facility: extremely hazardous wastes (as defined in Title 22 of the California Administrative Code), wastes in bulk, burning wastes, forbidden and Class A explosives, wastes containing polychlorinated biphenyls (PCBs), wastes generated off-site, and any hazardous waste not listed in the approved Operation Plan.

A public notice of this draft permit will be published on March 20, 1987 in a local newspaper & radio station (KFWB). For further information, the draft permit and related documents are available for public review at Department of Health Services, 107 S. Broadway, Room 7128, Los Angeles, CA 90012 or at the Department of Health Services, 4250 Power Inn Road, Sacramento, CA 95826. Public comments on the draft permit or requests for a public hearing should be written and sent by May 4, 1987 to the Department of Health Services, 4250 Power Inn Road, Sacramento, CA 95826.

For further information, contact:

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